

# Creating Smart Applications for a complex world



**AI integrated PC offering great performance and flexibility giving users and developers even greater choices of hardware and software to build integrated solutions for smart application.**

Available now from RDS is the new AAEON BOXER-8251AI powered by the Jetson Xavier NX from NVIDIA. It features a six-core 64-bit ARM processor, 384 CUDA® cores, 48 Tensor cores and two NVIDIA engines capable of running multiple neural networks in parallel, ensuring accelerated computing performance up to 21 TOPS. Plus, with 8GB of LPDDR4 memory and 16GB of onboard eMMC memory, which is expandable through the Micro SD slot, dedicated AI processing is brought to system designers in a small affordable package.

Innovation is built in, with its ability for users to select five different performance modes. These modes allow users to tailor the number of cores, processor speed and power draw using the system utilities. And, through extensive testing and development together with the rugged thermal design, users are able to match processor performance with a thermal performance for each operating mode.

The compact BOXER-8251AI provides users with great flexibility when integrating into existing applications or new ones with its two COM ports, four USB 3.2 Gen 1 ports and a Gigabit Ethernet port!

The BOXER-8251AI is a powerful, rugged, fanless and low-maintenance integrated PC.

Did you know at RDS we offer not only a complete range of Displays and Embedded computer solutions but can also bring your ideas to reality? We design, prototype, test and manufacture, everything is in house and to the highest quality standards. When you need that part, that screen, that board or cable we understand, we can help.

If you have an idea, a project or just need a solution call us we are here for you.

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